

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A multilayer dose ~~in the melt state having an axis of symmetry for the realization of multilayer objects by compression molding, comprising a~~ first synthetic resin and at least one layer of functional resin imprisoned at least largely in said resin, wherein a part of its surface is concave, and wherein the multilayer dose is in the melt state and has an axis of symmetry for the realization of multilayer objects by compression.

2. (previously presented) The dose as claimed in claim 1, comprising an orifice, said concave surface being constituted by a part at least of the inner surface formed by the orifice.

3. (original) The dose as claimed in claim 2 in which the orifice forms a passage through the dose.

4. (previously presented) The dose as claimed in claim 3, in which the orifice forms a cavity which is open on one face of the dose.

5. (previously presented) The dose as claimed in claim 1, wherein the functional layer itself forms a multilayer structure comprising a layer of barrier resin imprisoned between two layers of adhesive resin.

6. (previously presented) A multilayer object obtained from a multilayer dose in the melt state as claimed in claim 1, wherein it contains at least one portion in which the functional layer forms a fold.

7. (previously presented) The multilayer object as claimed in claim 6, having an axis of symmetry, wherein the functional layer forms a body of revolution centered about the axis of symmetry.

8. (previously presented) The multilayer object as claimed in claim 7, wherein said body of revolution is open.

9. (previously presented) The multilayer object as claimed in claim 8, wherein said body of revolution contains an opening centered on the axis of symmetry.

10. (previously presented) The multilayer object as claimed in claim 6, wherein it contains an orifice forming a passage through the object.

11. (previously presented) The multilayer object as claimed in claim 6, wherein it contains no orifice.

12. (previously presented) The multilayer object as claimed in claim 7, wherein said body of revolution is closed.

13. (currently amended) A production process for a multilayer dose in the melt state as claimed in claim 1, wherein the resins constituting the dose are extruded simultaneously and coaxially, initially in a rectilinear direction, and in that the direction of extrusion is then modified in such a way as to form said concave surface of the multilayer dose in the melt state.

14. (previously presented) A device for producing a multilayer dose in the melt state as claimed in claim 1 and using a production process for a multilayer dose in the melt state as claimed in claim 1, wherein resins constituting the dose are extruded simultaneously and coaxially, initially in a rectilinear direction, and in that the direction of extrusion is then modified in such a way as to form said concave surface wherein the device comprises a passage for the linear, simultaneous and coaxial flow of the resins constituting the dose and means for modifying the direction of extrusion in such a way as to form said concave surface, said means being mounted so as to slide inside the passage.